Index of Claims

| | | | | |
|---------------------------------------------------------------------------------------|--------|-------|-----------------|------|
| | | | | |
| | | | 911 ISBIS BIII |) |
| - 4 8 8 10 10 8 6 8 6 1 18 8 18 14 16 16 16 16 16 16 16 | 115516 | 11811 | 9111 19919 8111 | |
| | 1 | | | |

Application/Control No.

10/762,078 Examiner

L. E. Crane

Applicant(s)/Patent under Reexamination

HARDEMAN ET AL.

Art Unit

1623

| → | Rejected |
|----------|----------|
| - | Allowed |

(Through numeral)
Cancelled

Restricted

N Non-Elected

A Appeal
O Objected

| | | | | | | | _ | | | |
|--------------|----------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------|----------|----------|--------------|--------------|--------------------------------------------------|--------------------------------------------------|----------|
| Cla | | | | | Dat | е | | | | |
| Final | Original | 9/21/06 | 4/19/07 | | | | | | | |
| | 1 2 3 4 5 6 | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | √ √ √ | | | L | | | | |
| | - 2 | \ <u>\</u> | \ <u>'</u> | ⊢ | | ⊢ | ┞ | ┢ | \vdash | Н |
| <u> </u> | 3 | \ / | \ ' , | ├- | | ┢ | ├- | ├ | - | |
| | - | \ <u>\</u> | <u> </u> | - | | ╁ | ╁ | \vdash | ⊢ | Н |
| -0 | 6 | 1 | \vdash | \vdash | \vdash | 1 | - | 1- | ╁ | \vdash |
| -0 -0 | 7 | J | \vdash | | | | <u> </u> | | \vdash | П |
| | 7 8 9 10 11 12 13 14 15 16 17 18 19 20 | V | ✓ | | | | | \vdash | | П |
| | 9 | ✓ | ✓ | | | | | | | |
| | 10 | ✓ | √ | _ | _ | _ | <u> </u> | | | Ш |
| | 11 | 1 | V | _ | <u> </u> | ┞_ | <u> </u> | | <u> </u> | Ш |
| \vdash | 12 | 1 | V, | - | | ├_ | _ | ├ | <u> </u> | Н |
| <u> </u> | 13 | \ | ٧, | | ⊢ | ₩ | ├ | ├ | - | Н |
| | 15 | 1 | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | _ | ┝ | ├ | ├ | - | \vdash | Н |
| -0 | 16 | 1/ | ~ | | - | | ├─ | - | ┢ | Н |
| | 17 | Ĭ | J | - | \vdash | \vdash | <u> </u> | - | | Н |
| | 18 | V | V | | _ | T | | | | Н |
| | 19 | ✓ | √ | | | | | Г | | П |
| | 20 | √ | 7 | | | | | | | |
| | 21 | ✓ | ✓ | | | <u> </u> | _ | _ | | Щ |
| | 22 | V | V | _ | | <u> </u> | _ | <u> </u> | \vdash | <u> </u> |
| | 23 | √ | くくくくくくくくくくくくく | | _ | - | - | _ | | Н |
| | 25 | ./ | ·/ | | - | ┝ | - | - | ├ | Н |
| | 26 | V | \ \ | _ | _ | \vdash | | ┢ | | Н |
| | 27 | V | V | | | | | Ι- | | |
| | 28 | ✓ | √ | | | | | | | |
| | 29 | ✓ | ✓ | | | | | | | |
| | 30 | ✓ | √ | | | | _ | | | |
| | 31 | ✓ | ✓ | | <u> </u> | | _ | L | _ | |
| | 32 | | | | <u> </u> | ⊢ | <u> </u> | <u> </u> | <u> </u> | |
| | 34 | | | | ├— | | - | | | Н |
| | 35 | \vdash | - | | \vdash | ├ | \vdash | - | | H |
| | 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 | \vdash | _ | | \vdash | - | <u> </u> | \vdash | | Н |
| | 37 | П | | | | | | | | Н |
| | 38 39 | | | | | | | | | |
| | | | | | | | | | | |
| | 40 | Ш | | | <u></u> | <u> </u> | <u> </u> _ | _ | | Щ |
| | 41 | $\vdash \vdash$ | _ | | - | <u> </u> | <u> </u> | <u> </u> | _ | Н |
| | 42 43 | \vdash | _ | _ | - | | ┢ | <u> </u> | H | \vdash |
| | 44 | \vdash | \dashv | | - | - | | \vdash | H | \dashv |
| | 45 | \vdash | \dashv | | | | \vdash | \vdash | _ | \dashv |
| | 46 | | | | | | _ | | | \vdash |
| | 47 | | | | | | | | | |
| | 48 | | | | | | | | | |
| | 49 | | | | | | Ш | | | Ш |
| | 50 | | | | | | L | <u> </u> | | |

| | aim | г | | | _ | D-4 | | | | |
|----------------|----------------------------------|----------------|--------------|----------|----------|--------------------------------------------------|------------|----------|--------------|----------|
| Ula Ula | | | T | _ | _ | Dat | <u>e</u> | т— | _ | ÷ |
| Final | Original | | | | | | | | | |
| | 51 | Π | | Г | | | | | | Π |
| | 51 52 53 | | | | | Т | | T | Ī | |
| | 53 | | | П | | | | | | |
| | 54 55 | | | | | | | | | |
| | 55 | | | | | | | | | |
| | 56 | | | | | | | | | |
| | 57 | | | | | | | | | |
| | 58 | | | | | | | | | |
| | 59 | | <u> </u> | Ĺ | | | | | | |
| | 60 61 | <u>L</u> | _ | | | | L | | L | L |
| | 61 | <u> </u> | L | | | | <u>L</u> | L | | 乚 |
| <u> </u> | 62 63 | ╙ | | _ | <u> </u> | L | L | _ | | L |
| | 63 | <u> </u> | _ | _ | <u> </u> | <u> </u> | _ | L | | _ |
| | 64 | <u> </u> | | | _ | L | L | | _ | _ |
| | 65 66 | <u> </u> | | | _ | | L. | <u> </u> | <u> </u> | |
| <u> </u> | 66 | | | <u> </u> | <u> </u> | - | _ | <u> </u> | _ | _ |
| <u> </u> | 67 | ļ | | _ | _ | _ | <u> </u> | <u> </u> | _ | ļ |
| - | 68 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | |
| - | 69 | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | _ |
| - | 70 | ₩ | <u> </u> | <u> </u> | <u> </u> | ├- | ļ | <u> </u> | _ | |
| <u> </u> | 71 | <u> </u> | ├_ | _ | <u> </u> | | | _ | <u> </u> | _ |
| | 72 | | | _ | <u> </u> | | - | <u> </u> | | <u> </u> |
| | 70 71 72 73 74 75 | - | ⊢ | | \vdash | - | <u> </u> | - | _ | ├- |
| | 75 | - | _ | ┝ | \vdash | - | _ | | ┢ | ┝ |
| | 76 | ├ | \vdash | | \vdash | ┝ | | | ├ | ├ |
| - | 77 | | | | - | | - | _ | \vdash | - |
| | 78 | | | _ | | - | _ | | \vdash | H |
| | 79 | \vdash | | | _ | _ | | | <u> </u> | ┢ |
| | 80 | | | | _ | 1 | \vdash | | | \vdash |
| | 81 | \vdash | | | | \vdash | \vdash | _ | | Т |
| | 82 83 | | | | | | | | | 1 |
| | 83 | | | | | | | | | |
| | 84 | | | | | | | | | |
| | 85 | | | | | | | | | |
| | 86 | | | | | | | | | |
| | 87 | | | | | | | | | |
| | 88 | | | _ | | | | | | |
| | 89 | <u></u> | | _ | | | | | | |
| | 90 | | | _ | _ | | | | | |
| | 91 | lacksquare | | _ | | _ | | | _ | _ |
| <u></u> | 92 | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | | | |
| | 93 | - | _ | <u> </u> | _ | <u> </u> | <u> </u> | | \vdash | |
| \vdash | 94 | | _ | - | | | - | | _ | |
| $\vdash\vdash$ | 95 96 | - | - | - | - | | - | | <u> </u> | |
| | 97 | \vdash | | | | - | | - | \vdash | _ |
| | 98 | | | | | - | | - | \vdash | |
| | 99 | | _ | - | - | - | | | | |
| | 100 | \vdash | - | | _ | \vdash | | \dashv | \dashv | |
| ш | 100 | لـــا | | | | لــــا | | | | |

| Cl | Date | | | | | | | | | |
|--------------|-------------------------------------------------------------|----------|----------|----------|----------|--------------------------------------------------|----------|--------------|--------------|----------------|
| | | | | П | | Г | Γ | Ī | | Γ |
| -e | Original | | | | | | | | | |
| Final | <u>;</u> g | | | | | | | | i | |
| L | ŏ | | | | | ļ | | | | |
| <u> </u> | | | - | <u> </u> | | <u> </u> | - | ├- | | - |
| | 101 | | | | ļ | ⊢ | <u> </u> | <u> </u> | - | _ |
| ļ | 102 | | | _ | <u> </u> | ļ | L- | | <u> </u> | |
| | 103 | | <u> </u> | | _ | <u> </u> | _ | <u> </u> | — | L |
| | 104 | | | _ | _ | <u> </u> | <u> </u> | _ | | Ш |
| | 105 | | L | _ | _ | <u>_</u> | 1_ | _ | | |
| | 106 | | | L. | _ | L | | L | _ | |
| | 107 | _ | | L | | <u> </u> | | L | | |
| | 108 | | | | | <u> </u> | | | | |
| | 101 102 103 104 105 106 107 108 109 | | | | | | | | | |
| | 110 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 112 | | L | | | | | | | |
| | 113 | | | | | | | | | |
| | 114 | | | | | | | | | |
| | 111 112 113 114 115 | | | | | | | | | П |
| | 116 | | | | | | Г | 1 | | М |
| | 117 | | | | | | | 1 | | П |
| | 117 118 119 | | | | | | r | Η | \vdash | Н |
| | 119 | | _ | | | \vdash | ┢ | \vdash | - | Н |
| | 120 | | | | - | \vdash | - | H | - | Н |
| | 120 121 122 | _ | | | \vdash | - | - | - | ┝ | \dashv |
| | 122 | | | ┢ | - | \vdash | - | - | - | \dashv |
| _ | 122 | | | - | | H | - | | | \vdash |
| - | 123 124 125 126 127 128 129 130 | | _ | | _ | | - | - | \vdash | - |
| | 125 | | _ | ┝ | _ | - | | | <u> </u> | |
| | 125 | _ | - | _ | \vdash | \vdash | - | | - | |
| | 127 | - | | \vdash | - | - | <u> </u> | | - | Н |
| | 120 | | | ┝ | | - | | | | |
| | 120 | | | ├ | - | | ⊢ | | - | \dashv |
| <u> </u> | 129 | | | <u> </u> | _ | <u> </u> | ├ | | | Щ |
| | 130 | | | <u> </u> | | <u> </u> | <u> </u> | | | Щ |
| | 131 132 | _ | | _ | _ | _ | <u> </u> | | _ | Щ |
| | 132 | \dashv | | \vdash | | \vdash | <u> </u> | <u> </u> | _ | Щ |
| | 133 | | | \vdash | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ļ | Щ |
| | 134 | _ | | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | Щ |
| \vdash | 135 | | | | | <u> </u> | <u> </u> | _ | $oxed{oxed}$ | Щ |
| igwdown | 136 | | _ | Ш | | \vdash | L | \vdash | Щ | |
| | 137 138 | _ | | L., | | | L | <u> </u> | <u> </u> | \blacksquare |
| $oxed{oxed}$ | 138 | | | | ļ | _ | L_ | _ | _ | \Box |
| | 139 140 | | | | L., | <u> </u> | <u> </u> | <u> </u> | | |
| | | | | | | L_ | | | | |
| \square | 141 | | | | | <u> </u> | L | Щ | | Щ |
| | 142 | _ | | | | Ш | _ | | | \square |
| L | 143 | | | | | | | | | Ш |
| \Box | 144 | | | | | Ш | L., | | | |
| | 145 | _ | | | | Ш | | | | |
| | 146 | | | | | Ш | | | | |
| | 147 | | | | | | | | | |
| | 148 | | | | | | | | |] |
| | 149 | _] | | | | | | | | |
| | 150 | | | | | | | | | |
| | | | | | | | _ | | _ | |